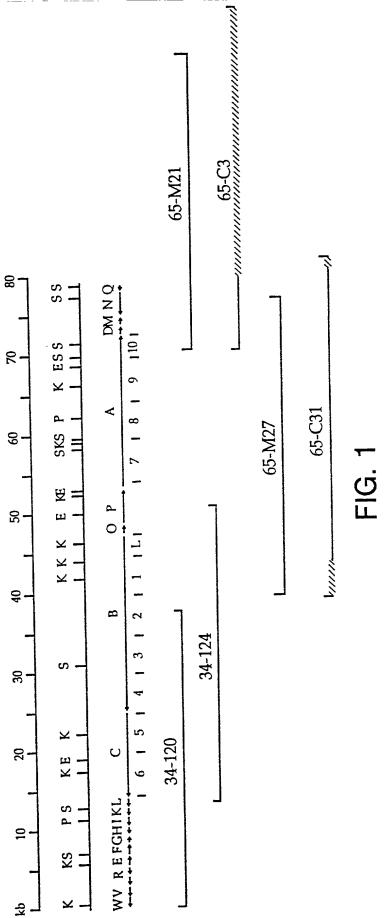
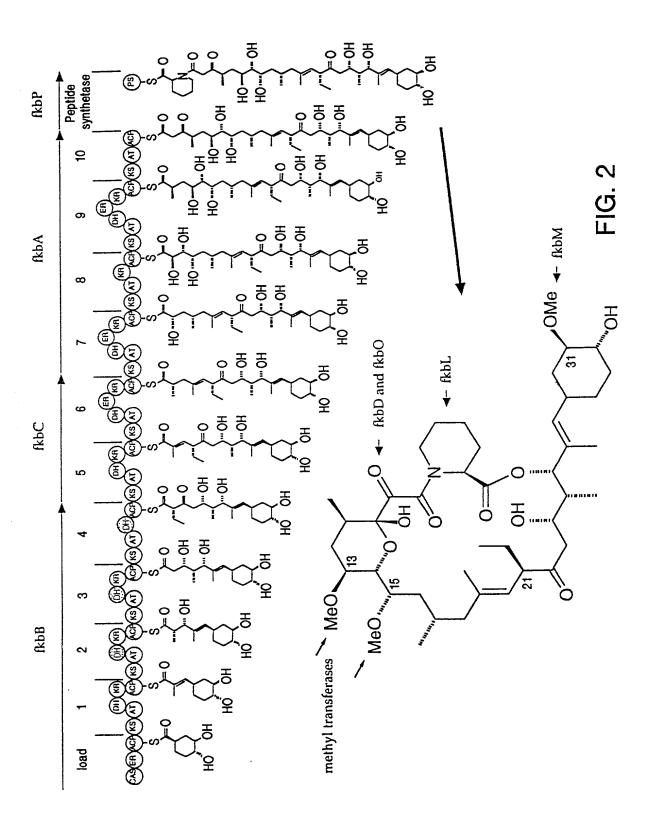
Title: POLYNUCLEOTIDES ENCODING THE fkbA gene of the FK-520 POLYKETIDE SYNTHASE GENE CLUSTER (as amended) Inventors: Christopher REEVES et al. Application No.: To be assigned Docket No.: 30062-2002611 Sheet 1 of 9





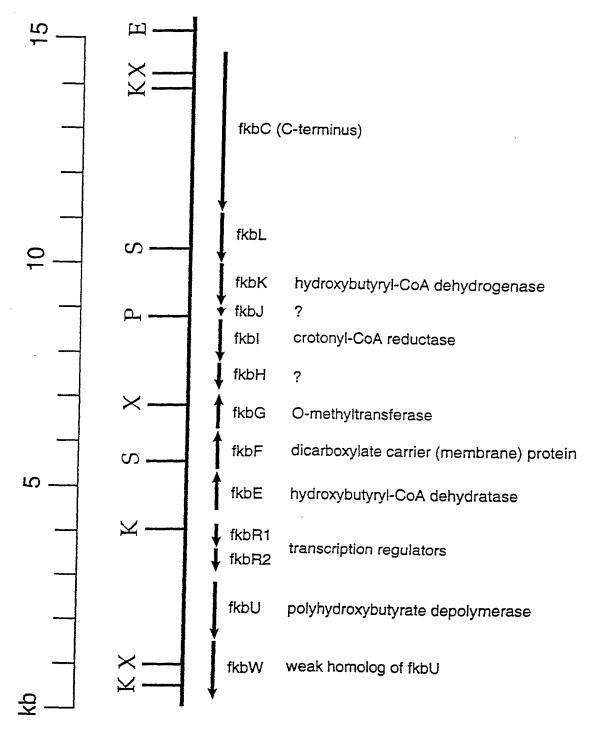


FIG. 3

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Acetoacetyl-CoA hydroxybutyryl-CoA dehydrogenase Hydroxybutyryl-CoA SCoA hydroxybutyryl-CoA dehydratase Crotonyl-CoA SCoA crotonyl-CoA reductase Butyryl-CoA **SCoA** butyryl-CoA carboxylase Ethylmalonyl-CoA SCoA COOH

FIG. 4

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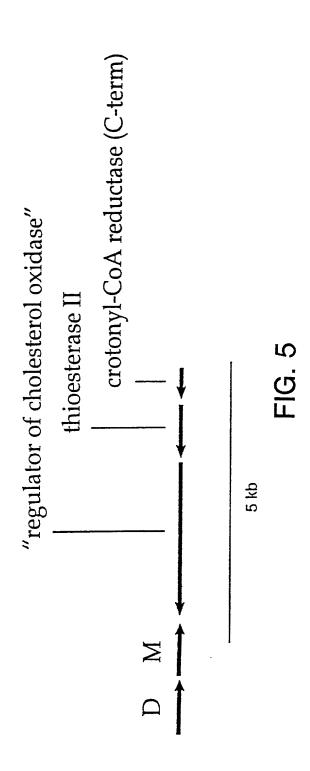


FIG. 6

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SacI SphI AT8 KS8 FIG. 7A DH8 linker insertion BglII NsiI FIG. 7B PCR amplification BglII AvrII XhoI NsiI FIG. 7C BgIII NheI AvrII XhoI NheI XhoI FIG. 7D ligation BgIII AvrII XhoI . NsiI FIG. 7E BgIII NheI XhoI NsiI

 α R₂= H, methyl or ethyl

1100 (CF3SO2)20 R₂= H, methyl or ethyl

DOGHORIS DEEFOR